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(54) IP PROCESSING METHOD FOR ULTRASONIC DIAGNOSTIC SYSTEM AND ULTRASONIC DIAGNOSTIC SYSTEM

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(57) Abstract:

PURPOSE: To obtain at least one projecting image of the maximum value, the minimum value, a mean value, and a (maximum value+minimum value) in real time in an ultrasonic diagnostic system.

CONSTITUTION: An IP processing part 3 stores first frame data obtained by an ultrasonic probe 1 in buffer memory 4 as IP data. Then, when second and after frame data obtained successively for every prescribed position by moving the ultrasonic probe 1 in a direction almost perpendicular to a scanning plane are inputted, data corresponding to a projecting direction for one datum in the frame data is read out from the IP data stored in the buffer memory 4, and IP processing is applied to both data, and a result is written on the buffer memory 4 repeatedly as one datum in the IP data. The IP data in the buffer memory 4 is image-displayed in parallel with the sequential input of the frame data.

